

Claims

- [c1] 1.A roaming communication system, comprising:
- a first local telephone system;
 - a first communication module connected to the first local telephone system and connected to the Internet through a first dynamic IP address, the first communication module capable of converting voice signals received from the first local telephone system to voice packets for transmission over the Internet and capable of restoring voice packets received through the Internet into voice signals;
 - a second local telephone system;
 - a second communication module connected to the second local telephone system and connected to the Internet through a second dynamic IP address, the second communication module capable of converting voice signals received from the second local telephone system to voice packets for transmission over the Internet and capable of restoring voice packets received through the Internet into voice signals; and
 - a host connected to the Internet through a static IP address, the host capable of controlling voice packet traffic between the first communication module and the second communication module.

- [c2] 2.The roaming communication system of claim 1 wherein the first communication module is a data access arrangement (DAA) module, the first local telephone system is a public switched telephone network (PSTN), and the DAA module is connected to the PSTN through at least one phone line.
- [c3] 3.The roaming communication system of claim 1 wherein the second communication module is a subscriber line interface circuit (SLIC) module and the second local telephone system is a private branch exchange (PBX).
- [c4] 4.The roaming communication system of claim 1 wherein the first and second communication modules are each connected to the Internet through a network cable according to the IEEE 802.3 protocol.
- [c5] 5.The roaming communication system of claim 1 wherein the first and second communication modules are each wirelessly connected to the Internet through an access point, and the first and second communication modules wirelessly communicate with the respective access points according to an IEEE 802.11x protocol.
- [c6] 6.The roaming communication system of claim 1 wherein the host comprises a network private branch ex-

change (PBX) for managing telephone connections within the roaming communication system.

- [c7] 7. The roaming communication system of claim 6 wherein the host comprises a server connected to the network PBX for controlling data traffic in the roaming communication system.